

# Surveillance Activities at the World Trade Center Disaster CDC -- NYCDOH

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# CDC – NYCDOH Surveillance Systems – WTC

- Retrospective Emergency Department Surveillance
- Emergency Department Surveillance
  - Enhanced Syndromic Surveillance
- Rescue Team / WTC Worker Injury / Illness Surveillance

# Retrospective Emergency Department Surveillance

- Data gathered on all visits in 4 local Emergency Departments (EDs)
  - Demographics including occupation
  - Diagnosis
  - Admission status
  - Dates 9/11 to 9/13

# Emergency Department Surveillance

- Data gathered on ED visits
  - 14 hospitals in 5 boroughs
  - Conducted by EIS officers on site 24 hours
  - Dates 9/13 to 9/27 (plus)
  - Demographics
  - On-site at WTC on 9/11?
  - Primary condition of patient (based on specific syndromes)

# Emergency Department Enhanced Surveillance

- Patients with
  - meningitis / encephalitis
  - botulism-like syndrome
  - unexplained death with fever
  - sepsis
- More specific info gathered
  - clinical, lab, radiologic, hospital course

# WTC Worker Injury/ Illness Surveillance

- Conducted in 4 local Eds 9/14 to 9/24
- Conducted in 5 Disaster Medical Assistance Team (DMAT) stations on-site at WTC
- Completed by ED or DMAT staff
  - Triage person
  - Medical personnel
- Results reported daily

# WTC Worker Injury/ Illness Surveillance

- Facility
- Demographics
- Occupational unit (e.g. NYFD, NYPD, Construction, etc.)
- Activity at time of injury, PPE used (9/17)
- Predominant injury or illness
- Disposition

# WTC Worker Injury/ Illness Surveillance

- Neurologic
- Skin
- Cardiac
- Gastrointestinal
- Musculoskeletal
- Psychiatric
- Respiratory
- Heat related
- ENT
- Other



# WTC Worker Injury/ Illness Surveillance

- From 9/14 to 9/24 3363 encounters
- 3047 (91%) seen by DMATs
- 216 (9%) seen by Eds
- 25% were Police
- 25% were Construction
- 19% were Fire Dept

# WTC Worker Injury/ Illness Surveillance

## 9/14 to 9/24 Total 3363

Injury/Illness	Number seen	% of total
Eye injury	483	14
Headache	279	8
Blisters	268	8
Lung injury	228	7
Sprain/strain	220	7
Laceration	208	6
Skin irrit/rash	130	4















